**CHAPTER 1**

**INTRODUCTION**

**1.1 INTRODU CTION**

The mission of the Dairy management system Project is to create to communication between rural area people and dairy management. Our main goal to develop this application to encourage a dairy industry. Dairy management system is a software application to maintain day to day transactions in a Dairy. This Project is used at small village dairy. This software milk management system used at that franchisees for maintain member account and manage inventory and generate Salary and Reports and also software provides profile accessing facility to the users to get their information.

This software also allow the all registered dairy members to access their profile they can see their salary and remarks, or any notifications etc.,  The project entitled Dairy management system is a pilot project for any dairy management system, To manage all these we require a full-fledged software which will take care all these.

**1.2 PROBLEM STATEMENT**

The Rural area people cannot fill or send their cattle milk directly to main dairy, The dairy management have many franchisees at all small villages so people can give their milk at franchisees and dairy management collect the milk from franchisees daily, The manual system requires more time for processing. Manual system is costly. Immediate response to the queries is difficult and time consuming. The Milk Management System is a place between rural area people and main Dairy Management System. The Dairy Management System is a software based web application works as a simple Dairy Software to maintain daily milk record by registered account members, generate salary and maintain reports and also provides latest information about dairy farming.

The project contains two views. First view contain nine modules and Second view contain three modules They are,

1. **Admin View**

* Admin Account Creation and Authentication
* User Account Creation and Authentication
* User Detail’s Entry and update
* Delete user Account
* View Users Account
* Session Data Entry
* Fat Price set
* Payment Report generation
* Logout

1. **User View**

* User Login and Authentication
* Payment Report generation
* Logout
  1. **MOTIVATION AND OBJECTIVES OF THE PROJECT**

**1. Admin View**

**1.3.1 Admin Account Creation and Authentication**

Admin Account Defaultly created and provided by Software developer each time admin need login and authenticate his identity to use the software Function’s.

* + 1. **User Account Creation and Authentication**

Creation of account is the first phase in this project. The user has to give the complete details about him/her to create a new account. The have all privileges on account creation after successfully completion of account creation only the user can able to perform the Dairy facility. All the transactions are performed based on their user id.

* + 1. **User Detail’s Entry and update**

Admin add the Customer details to the Database based on the information provided by the user and these information can be updated these information used for Customer identification and day to day transaction process.

* + 1. **Delete user Account**

The admin have all privilege’s to delete the Customer Account This features allows once the Customer Account deleted all corresponding data from data base is also deleted which is belonged to that particular user id.

* + 1. **View Users Account**

The admin have all privileges can View all available active user Accounts and their details.

* + 1. **Session Data Entry**

The admin save the Session data every morning or evening it contains data fat range, Number of Litres milk, Remarks Whether it’s hygienic or not hygienic.

* + 1. **Fat Price set**

The admin can set Price of the milk based on fat of the milk and Current marketing demands.

* + 1. **Payment Report generation**

The admin can generate the payment report for The all customer based on user id, every week it is complex procedure in the Application where some logical procedure executed Total number of litres and total Amount for litres and average fat range And remarks Will be displayed on the browser and Date from Witch They want the report.

* + 1. **Logout**

It allows admin can successfully logged out from database connectivity it provides more security to application.

**2. User view**

* + 1. **User Login and Authentication**

The user can login to their profile using unique user id and it allows user can access their profile securely.

* + 1. **Payment Report generation**

Using this user can see their weekly payment report and also old transaction details, remarks, quality of the milk whether their milk is hygienic or not hygienic, average fat range, suggestions and notifications etc.

* + 1. **Logout**

It allows user can successfully logged out from database or profile it provides more security to application and user data.

**1.4 PROPOSED SOLUTION & ADVANTAGES**

* It is quick process and saves time for the franchises.
* Customers can also login remotely to their profile and see their daily or weekly milk record.
* No need of maintaining the data manually in paper.
* This is online web based Dairy management System software will help franchises and Customers, we maintain the their Data in Data base and provide all time accessing facility both customers and franchises and eliminate the waiting time of customers to get any Details regarding their milk Transactions in dairy.
* The weekly payment report can be generated based on Data available in Data base it will help the franchises to reduce their manual work.